

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR03/00992

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G06F 12/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G06F7, G06F 9, G06F11, G06F12, G06F15

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and Applications for inventions, since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR2002-63355 A(IM HYUNG TAEK) 3 AUGUST 2002 see the whole documents	1-20
Y	KR1997-2634 A(AN CHOL SU) 28 JANUARY 1997 see the whole documents	1-20
A	JP08-063352 A(HITACHI SOFTWARE ENG CO. LTD.) 8 MARCH 1996 see the abstract	1-20
Y	JP07-319690 A(NEC CORP.) 8 DECEMBER 1995 see the abstract	1-20
Y	US 5408642 A(SYMANTEC CORPORATION) 18 APRIL 1995 see the abstract	1-20
A	US 5649095 A(PAUL D. COZZA) 15 JULY 1997 see the abstract & figure 1, 4A	1-20
A	US 5881151 A(FUJITSU LIMITED) 9 MARCH 1999 see the abstract & figure 1, 2	1-20
A	US 5684875 A(HANS ELLENBERGER) 4 NOVEMBER 1997 see the abstract	1-20

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

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- "P" document published prior to the international filing date but later than the priority date claimed

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

22 DECEMBER 2003 (22.12.2003)

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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KR1997-2634 A	28.01.1997	NONE	
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JP07-319690 A	08.12.1995	JP 2621799 B	18.06.1997
US 5408642 A	18.04.1995	EP 514815 A3 EP 514815 B1 US 5349655 A	22.12.1993 26.11.1997 20.09.1994
US 5649095 A	15.07.1997	US 5473769 A US 5502815 A	05.12.1995 26.03.1996
US 5881151 A	09.03.1999	JP 7146788 A2 KR 132998 B1	06.06.1995 24.04.1998
US 5684875 A	04.11.1997	NONE	